abcam

Product datasheet

Recombinant Japanese encephalitis virus NS1 glycoprotein (His tag) ab218555

Description

Product name	Recombinant Japanese encephalitis virus NS1 glycoprotein (His tag)
Purity	> 95 % SDS-PAGE. ab218555 was 0.2 um filter sterilised.
Expression system	HEK 293 cells
Accession	P27395
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Japanese encephalitis virus
Sequence	DTGCAIDITRKEMRCGSGIFVHNDVEAWVDRYKYLPETPR SLAKIVHKAH KEGVCGVRSVTRLEHQMWEAVRDELNVLLKENAVDLSV VVNKPVGRYRSA PKRLSMTQEKFEMGWKAWGKSILFAPELANSTFVVDGPE TKECPDEHRAW NSMQIEDFGFGITSTRVWLKIREESTDECDGAIIGTAVKGH VAVHSDLSY WIESRYNDTWKLERAVFGEVKSCTWPETHTLWGDDVEE SELIIPHTIAGP KSKHNRREGYKTQNQGPWDENGIVLDFDYCPGTKVTITED CSKRGPSVRT TTDSGKLITDWCCRSCSLPPLRFRTENGCWYGMEIRPVM HDETTLVRSQV DA
Predicted molecular weight	40 kDa
Amino acids	795 to 1146
Tags	His tag C-Terminus
Additional sequence information	SA-14 strain. ab218555 is presented in 2 distinct oligomeric states with molecular weights of 335 kDa and 450 kDa, as determined by size exclusion chromatography,
Description	Recombinant Japanese encephalitis virus Japanese encephalitis virus NS1 glycoprotein (His tag)

Specifications

Our **Abpromise guarantee** covers the use of **ab218555** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	SDS-PAGE
Form	Liquid
Additional notes	The antigen is in its native folding state, and possesses all post-translational modifications. Unlike other flavivirus NS1 proteins which secrete as a single hexameric form, Japanese Encephalitis virus NS1 shows two oligomeric states in approximately equal proportion.

Preparation and Storage

Stability and Storage	Shipped at 4°C. Store at -20°C or -80°C. Avoid freeze / thaw cycle. pH: 7 Constituent: 100% PBS (Dulbecco's PBS).

General Info

Relevance	The Japanese encephalitis viral genome encodes 7 non-structural proteins NS1-NS5. NS1 contains N-linked carbohydrate chains at positions 130 and 207. It is not incorporated into the virion but exists in the host cell, on the cell surface and can also be extracellular.

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit **https://www.abcam.com/abpromise** or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors